

20000305.qrp v01_n751.qrl.20000305

Date: Sun, 5 Mar 2000 19:03:09 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1751

QRP-L Digest 1751

Topics covered in this issue include:

- 1) [64934] CQ HW-7, 8, 9 event?
by K2UD@aol.com
- 2) [64935] New PSK31 Offering
by Jeff Davis <jeff@n9avg.org>
- 3) [64936] Re: RS HTX-10 - First impressions.
by Curt Milton <wb8yyy@yahoo.com>
- 4) [64937] Re: Toroid identification ?
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 5) [64938] Re: IT'S HERE!!!
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 6) [64939] Re: IT'S HERE!!!
by "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
- 7) [64940] Re: Interesting question - origin of Vcc
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 8) [64941] New Address and Call
by Melvin K Best <n5qw@parksbros.com>
- 9) [64942] Re: RS HTX-10 - First impressions
by JFStrain@aol.com
- 10) [64943] Tell us about ur Binaural Receiver.
by "Steve/n0tu" <n0tu@webaccess.net>
- 11) [64944] new call
by Melvin K Best <n5qw@parksbros.com>
- 12) [64945] Re: Wow!!! SD-20 fishing pole !!!
by w4bws@juno.com
- 13) [64946] Re: [NoGaQRP] Now this is QRPpppppppppppppppppp!
by w4bws@juno.com
- 14) [64947] PW1 Antenna
by "Vern Wright" <w6mma@jps.net>
- 15) [64948] New Call
by Chris Cole <CJCole@serialslibrarian.com>
- 16) [64949] Re: Now this is QRPpppppppppppppppppp!
by KD1YV <kd1yv@mindspring.com>
- 17) [64950] Growing TT2 Photo Gallery!
by "ElectronicsUSA.com" <wpc@west.net>
- 18) [64951] Fireball 40 amp problem
by john@neknetwork.com
- 19) [64952] sig generators

- by Dave Pomeroy <dave_pomeroy@yahoo.com>
- 20) [64953] sig generators
by Dave Pomeroy <dave_pomeroy@yahoo.com>
- 21) [64954] No read, test from C02HA
by "=?ISO-8859-1?Q?Francisco_Hern=E1ndez_Alonso?=" <co2ha@jcce.org.cu>
- 22) [64955] Re: Parts: Super Deal on 40 meter crystals
by "Charlie Fitts" <cfitts@neca.com>
- 23) [64956] Re: CQ HW-7, 8, 9 event?
by Rick McKee <kc8aon@juno.com>
- 24) [64957] OT: DX Summit
by "David Hurley,n2zhy" <n2zhy@amsat.org>
- 25) [64958] Re: CQ HW-7, 8, 9 event?
by w4bws@juno.com
- 26) [64959] FOR SALE - QRP ARCI QUARTERLY 85 to 98
by QRP <qrp@email.com>
- 27) [64960] CLUB: NOVA-QRP to meet next Saturday
by Wb4jjj@aol.com
- 28) [64961] Re: CQ HW-7, 8, 9 event?
by QABRB@aol.com
- 29) [64962] Re: Interesting question - origin of Vcc
by Jim Durkin <jimdurkin@yahoo.com>
- 30) [64963] Long Lost HW-8
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 31) [64964] ATLANTICON mySNAP
by "Rod, N0RC" <n0rc@qsl.net>
- 32) [64965] Re: SPICE for Mac
by Jim Durkin <jimdurkin@yahoo.com>
- 33) [64966] FOR SALE QRP ARCI *CLARIFICATION*
by QRP <qrp@email.com>
- 34) [64967] Re: CQ HW-7, 8, 9 event?
by Pablo Luis Robles <wp4jxd@isla.net>
- 35) [64968] SPICE for Mac location
by Jim Durkin <jimdurkin@yahoo.com>
- 36) [64969] Dipole Suggestions
by cd25d@rhapsodysails.com (Bill Slater)
- 37) [64970] Re: Dipole Suggestions
by "Rod, N0RC" <n0rc@qsl.net>
- 38) [64971] FO0AAA on 21.025 listening UP
by tom palmer <n1tp@worldnet.att.net>
- 39) [64972] CLUBS: WNY QRP E-mail list
by "Al Gritzmacher AE2T" <ae2t@arrl.net>
- 40) [64973] Fw: CQ HW-7, 8, 9 event?
by "Thaire Bryant" <tbry37@ici.net>
- 41) [64974] Re: Z Match Tuner Circuit Diagram
by Bob Kellogg <ae4ic@nr.infi.net>
- 42) [64975] Announcing the March Spartan Sprint
by Richard Fisher <ki6sn@yahoo.com>
- 43) [64976] QRP more popular than ever?

- by Jim Hale <kj5tf@yahoo.com>
- 44) [64977] Re: Z Match Tuner Circuit Diagram
by "Brian Murphy" <brmurphy@netside.com>
- 45) [64978] Re: Dipole Suggestions
by wb2vuo@juno.com
- 46) [64979] F00AAA 24895
by "Michael Young" <mikey@mcs.com>
- 47) [64980] Dayton HamVention Help Please!
by "Brian P. Mileschosky" <n5zgt@swcp.com>
- 48) [64981] Ten Tec Argosy 525
by Everett Catlin <n5mzx@bellsouth.net>
- 49) [64982] WTB: 2SC1947, MRF-237, ECG-341
by "Alan Fryer" <n3bj@hotmail.com>
- 50) [64983] CQC Meeting and Key Day
by "Marshall Emm" <mgemm@mtechnologies.com>
- 51) [64984] Heathkit HW-7,8, & 9 Users !
by Rick McKee <kc8aon@juno.com>
- 52) [64985] F00AAA on17M
by Roger Hightower <n7kt@worldnet.att.net>
- 53) [64986] FOX: Preliminary announcement for N5IB: Mar 8, 0200Z
by n5ib@juno.com

Date: Sat, 4 Mar 2000 19:07:03 EST
From: K2UD@aol.com
To: qrp-l@lehigh.edu
Subject: [64934] CQ HW-7, 8, 9 event?
Message-ID: <d8.1ce4a14.25f2ff27@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Not long ago, an on-the-air event was held for users of the Heath line of QRP rigs. Forgot how long ago, but I wonder if there are plans to run it again. I've been having a ball with my old HW-7 of late, and this event came to mind.

Anybody in the know about this? TNX fer any help.

72

Howard Kraus, K2UD

Date: Sat, 4 Mar 2000 19:15:25 -0500
From: Jeff Davis <jeff@n9avg.org>
To: QRP-L List <qrp-l@lehigh.edu>

Subject: [64935] New PSK31 Offering
Message-ID: <20000304191525.A17602@n9avg.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I've been off the list for several weeks so I apologize if this has been covered. I was just viewing Dave, NN1G's Web site and noticed the announcement for a new PSK31 QRP kit project. Looks interesting.

You can find more about it at: <http://www.smallwonderlabs.com/>

and follow the link for PSK31.

--
72 de Jeff, N9AVG

Date: Sat, 4 Mar 2000 16:59:40 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64936] Re: RS HTX-10 - First impressions.
Message-ID: <20000305005940.7873.qmail@web2001.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Yes, I have noted that the S-meter is not very sensitive - it takes an extremely loud signal to move it upscale. I have not compared sensitivity to my TS-140 (it has no pre-amp and i don't consider it that sensitive).

I did use the HTX-10 for a half hour in the contest today - it held up ok. I was using the low pass audio filter which helps the adjacent high frequency bleed thru a little.

The language in the manual is poor as the terminology does not match normal ham radio usage. I guess they could not afford a ham to write the manual?

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Fri, 03 Mar 2000 20:28:39 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: kc8aon@juno.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64937] Re: Toroid identification ?
Message-ID: <008201bf8581\$5aae21e0\$4c28bcd0@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Rick,

According to the ARRL Handbook, green/white color indicates a powered iron core material composed of synthetic oxide (mix 12). It list the following properties:

u = 4
Temp Stability = 170 ppm/C
f (MHz) = 50 - 200
Notes = Good Q, moderate temperature stability

IF this is what you have it will probably not be of much use for HF work (permeability too low). The Handbook also notes that the color codes hold only for cores manufactured by Micrometals, which makes the cores sold by most Amateur Radio distributors.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Sat, 04 Mar 2000 21:40:15 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: TomSwisher@aol.com
Cc: qrp-1@lehigh.edu, njqrp@njqrp.org, billc@dandy.net, n8oay@sprintmail.com, dwschiml@intrepid.net, kc2ayc@banet.net, trunkscan@home.com, jon@pluto.njcc.com, lburke@infi.net, mmeece@siscom.net, mde48@yahoo.com, applied@toad.net, elecraft@qth.net
Subject: [64938] Re: IT'S HERE!!!
Message-ID: <38C1C90F.78090AC6@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Actually I'll be happy if I get the part inventoried by then. I;n going

into a busy couple of weeks and my Primary radio project right now is the Crystal sets for my presentation and my son's Science Fair Project. The K2 is the ultimate kit building experience. I want to savor it for a while because I don't think anything as neat is going to come around for a long time. I've talked to guys who got so stoked building it they have sold their original units just to get to build another one.

TomSwisher@aol.com wrote:

>
> In a message dated 03/04/2000 10:13:56 EST, tjarey@home.com writes:
>
> > The Postlady delivered the box today.
> > K2 #946 has arrived at its home QTH.
> > Murphy has a sense of humor. How am I supposed to melt solder during the
> > ARRL DX SSB contest????
>
> Very carefully.
>
> You will have the K2 built and operating in time for Kulpsville, right?
>
> Tom

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Sat, 4 Mar 2000 22:12:39 -0500
From: "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
To: <tjarey@home.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64939] Re: IT'S HERE!!!
Message-ID: <12ca01bf8650\$aa928d20\$0100a8c0@dadsmachine>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

WOW, a K2 as a Science FairProject. Skip, will you be my Dad, too. (I know that's not what you said but what a thought.)

Michael - N4NMR

----- Original Message -----

From: T.J. "SKIP" Arey N2EI <tjarey@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, March 04, 2000 9:40 PM
Subject: Re: IT'S HERE!!!

> Actually I'll be happy if I get the part inventoried by then. I;n going
> into a busy couple of weeks and my Primary radio project right now is
> the Crystal sets for my presentation and my son's Science Fair Project.
> The K2 is the ultimate kit building exoerience. I want to savor it for a
> while because I don't think anything as neat is going to come around for
> a long time. I've talked to guys who got so stoked building it they have
> sold their original units just to get to build another one.

>

> TomSwisher@aol.com wrote:

> >

> > In a message dated 03/04/2000 10:13:56 EST, tjarey@home.com writes:

> >

> > > The Postlady delivered the box today.

> > > K2 #946 has arrived at its home QTH.

> > > Murphy has a sense of humor. How am I supposed to melt solder during
the

> > > ARRL DX SSB contest????

> >

> > Very carefully.

> >

> > You will have the K2 built and operating in time for Kulpsville, right?

> >

> > Tom

>

> --

> ++++++

>

> T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

>

> Website <http://members.home.net/tjarey>

>

> Snail Mail: PO Box 236, Beverly, NJ 08010

>

> Specialization is for insects! LAZARUS LONG

Date: Sun, 05 Mar 2000 14:20:11 +1100

From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64940] Re: Interesting question - origin of Vcc
Message-ID: <38C1D26A.3FBA1AFA@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Steve Yates, AA5TB" wrote:

> Ian,
>
> I always understood that in Vcc, the cc stood for "collector current".

I thought the same years ago Steve until I had to think about Vbb and Vee.
--
72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"
URL - <http://www.integritynet.com.au/~purdic/>

Date: Sat, 04 Mar 2000 21:25:58 -0600
From: Melvin K Best <n5qw@parksbros.com>
To: qrp-l@Lehigh.EDU
Subject: [64941] New Address and Call
Message-ID: <3.0.5.32.20000304212558.007a4400@mail.parksbros.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

Hello Everyone, Have changed old call KJ5SP to new call N5QW, and e-mail.
If someone could advise who or how I need to contact to make qrp-l number
reflect the changes. Thank You, de Mel

73 de Mel <kj5sp@parksbros.com>
qrp-l 1287, 60 miles east of Oklahoma City
grid square em15uk, Okemah, Okfuskee County

Date: Sat, 4 Mar 2000 22:36:30 EST
From: JFStrain@aol.com

To: qrp-l@lehigh.edu
Subject: [64942] Re: RS HTX-10 - First impressions
Message-ID: <bc.219ba9b.25f3303e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

The S-meter on my HTX-10 does not read very high either, but I was attributing that to the shrimpy antenna I am using (32 inch RS Magmount). I still think it is one of the best investments I have ever made for sheer fun.

Poked around in the contest a bit today and got Japan, Alaska, and several European stations. It does better from the home QTH with a bigger antenna, but sure makes driving around a lot more fun!

73/72,
John W9MIU
QRP-L 1088 QRP-ARCI 8173
ARS 571 Zombie 235
10-10 71063 Six Club 707

Date: Sat, 4 Mar 2000 20:37:29 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>, <w1rifi@arrl.net>
Subject: [64943] Tell us about ur Binaural Receiver.
Message-ID: <00dc01bf8654\$22e0dcc0\$5448460f@snp.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Ed,

Understand you've built the Binaural Receiver and use it w/TT2? Was it difficult to get going? Can you describe how it sounds and how you like it's performance?

Does it really need a steel chassie?

I'm interested in building one myself. Tks Steve/n0tu

Date: Sat, 04 Mar 2000 21:55:43 -0600

From: Melvin K Best <n5qw@parksbros.com>
To: qrp-l@Lehigh.EDU
Subject: [64944] new call
Message-ID: <3.0.5.32.20000304215543.007a9100@mail.parksbros.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

After seven years using something each day.....well its hard to change and
I am using
Eudora Light and I am use to Netscape mail, maybe now things are correct
thanks agn

73 de Mel <n5qw@parksbros.com>
qrp-l 1287, soc# 22
60 miles east of Oklahoma City
grid square em15uk, Okemah, Okfuskee County

Date: Sat, 4 Mar 2000 18:52:06 -0500
From: w4bws@juno.com
To: ka7you@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [64945] Re: Wow!!! SD-20 fishing pole !!!
Message-ID: <20000304.225615.-255447.6.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I have had no problem after using a small screw
adjusted hose clamp on each section just above
the overlap joint. Stays up in the wind and rain.
A small hole in the bottom cap will let water escape.
I have mine on top of an 18 foot telescoping paint
pole, held with two hose clamps, and the combo
held onto the roof vent pipe with two RS vent pipe
clamps. The W3EDP antenna goes from the window
up to the top of the pole , then horizontal to a tree.
works great except on 40 I had hot RF in the shack
until ADE, W0RSPsuggested making the counterpoise
34 feet instead of 17 feet and that fixed it.

Don W4BWS

On Fri, 03 Mar 2000 00:38:38 EST Rod Johnson <ka7you@juno.com> writes:

> Tom and others,

> IMHO: The drawbacks to the SD-20 and the Black Widow poles are

> very minor;
the lower sections do tend to fill with water.
the joints seem to loosen up in windy conditions.
one section telescoping down into a lower one.
When it hits bottom, it usually dislodges another one or two.
It is supposed to be a 'field' antenna support.
I'm still very happy with my 19' 10" pole
> 7 3,
> Rod Johnson KA7Y0U

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark
END

Date: Sat, 4 Mar 2000 18:56:59 -0500
From: w4bws@juno.com
To: k3tks@u1.abs.net
Cc: qrp-1@Lehigh.EDU
Subject: [64946] Re: [NoGaQRP] Now this is QRPppppppppppppppppp!
Message-ID: <20000304.225615.-255447.7.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Do it from the QRP ARCI and See if QST will print
the picture and story.
Great QRP advertising.
Don W4BWS
On Fri, 3 Mar 2000 01:28:13 -0500 (EST) George Gingell <k3tks@u1.abs.net>
writes:
> No Question about it. Pioneer Holds the Universe Record (Out of this
> world) for the greatest distance on QRPp. Maybe WE (QRP ARCI)
> should send
> NASA a KMW Award. :^)
>
> Sir George, The First :^)
>
>
>

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

Date: Sat, 4 Mar 2000 20:25:56 -0800
From: "Vern Wright" <w6mma@jps.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [64947] PW1 Antenna
Message-ID: <001601bf865a\$e7437680\$1da6e0d8@vern>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here is a picture of Vern's new PW1 Antenna on a mag mount for mobile.

www.jps.net/w6mma/pw1mobile.jpg

You can see more of his Antenna's at www.superantennas.com which also has information for ordering.

Date: 04 Mar 00 22:17:29 -0600
From: Chris Cole <CJCole@serialslibrarian.com>
To: "QRP-L List" <qrp-l@lehigh.edu>
Subject: [64948] New Call
Message-ID: <200003050417.XAA228728@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset="US-Ascii"

Hey QRP Gang!

Just thought you might like to know I got a new call today I switched from KC0DBO to K0CNN. Just for the record: No, I do not work at CNN but I do wish to work there in the future. It is a little hard on CW though with the N N right together.

73s

Chris

Chris J. Cole Calsign:K0CNN
Computer Specialist Ames Homebased Education
Editor Ames Homeschool Journal
Webmaster Ames First Ward/Ames Homebased Education
<http://www.ameshomeschool.freehosting.net>
<http://members.aol.com/amesward>
Packet Address:K0CNN@W0AK.#CIA.IA.USA.NA
Phone: (515) 233-1498
Newsroom: (515) 233-5024

Date: Sat, 04 Mar 2000 23:57:19 -0500
From: KD1YV <kd1yv@mindspring.com>
To: qrp-1@lehigh.edu
Subject: [64949] Re: Now this is QRPppppppppppppppppp!
Message-ID: <38C1E92F.80136B9C@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Some of you may be old enough to remember that the Command, Telemetry and Data Handling Subsystems on this spacecraft were run by the RCA 1802 microprocessor. You might also remember that this processor was a cover story for Popular Electronics in 1977 "Build the COSMAC ELF" microcomputer.

Now my ELF was a real QRP computer, with just 1/4 KB of RAM (yes, that's 256 bytes). I couldn't afford a ROM burner, so if I lost power or crashed, I had to re-enter the program using the 8 slide switches on the front panel. I quickly got some NiCds as my "UPS". The design called for a clock using a 1.0 MHz crystal, but I didn't have one on hand, so I "pushed" it with a surplus 2.4576 MHz crystal that I salvaged from some terrestrial comms gear.

I still have the guts of that computer in my junkbox. Every time I think of the Voyager with an 1802 (actually 6 of them), I chuckle to myself. Thanks for reminding me, Sam.

--

72/73 de Jim, KD1YV
If things get any better, I may have to hire someone to help me enjoy it

Sam Billingsley wrote:

> >>>>snip>>>>
>
> Pioneer 10 was launched on March 2, 1972 from Cape Kennedy aboard an Atlas
> Centaur rocket for a two-year mission to Jupiter. Twenty-eight years later,
> the probe is about twice as far from the Sun as Pluto. It's bound for
> interstellar space at 13 km/s (28,000 miles per hour) heading in the
> general direction of the first magnitude star Aldebaran.
>
> >>>>snip>>>>
>
> The spacecraft's 8-watt signal, equal to the power of a night light, now
> reaches NASA's Deep Space Network antennas with the strength of .3
> billionths of a trillionth of a watt! Scientists are tracking the feeble
> transmissions as part of an advanced concept study of chaos theory and to
> learn more about conditions in the solar system beyond Pluto.
>
> In February, ground controllers sent commands to Pioneer instructing the
> craft to maneuver to improve the reception of its signal on Earth. Pioneer
> is so low on power that its transmitter had to be turned off to allow it to
> execute the turn. After 90 minutes of blind flight the transmitter was
> reactivated. After more than 10 hours -- the time it takes for light to
> travel 11 billion km (6.8 billion miles) from Pioneer 10 to Earth --
> anxious ground controllers received a signal that the maneuver had been a
> success.
>
> For the complete story check out
> http://spacescience.com/headlines/y2000/ast02mar_1.htm
>
> Sam Billingsley AE4GX Atlanta, GA
> personal web page at <http://ae4gx.home.mindspring.com/>
> North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

Date: Sat, 4 Mar 2000 21:21:01 -0800 (PST)
From: "ElectronicsUSA.com" <wpc@west.net>
To: qrp-1@Lehigh.EDU
Subject: [64950] Growing TT2 Photo Gallery!
Message-ID: <20000305052101.45D4424BBB@acme.sb.west.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Check out the latest addition to the Tuna Tin Two Photo Gallery:

The TT2 of Conrad Clark, W3ZMN

Visit The Tuna Tin Photo Gallery:

<http://www.ElectronicsUSA.com/tunatin2.html>

72, Jack WA6KY0 PS: Any ORIGINAL TT2's out there?? Would like to see some here!

Jack Roblin
ElectronicsUSA.com
"Mini-Keys, QRP Accessories, & Other Cool Stuff"

Date: Sun, 05 Mar 2000 00:35:03 -0500
From: john@neknetwork.com
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64951] Fireball 40 amp problem
Message-ID: <38C1F207.294B09CF@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello All,

I finished building the add-on amp for the Fireball 40, but it doesn't seem to be putting out much. I have basically nothing for test equipment besides a volt meter. Does anyone know where I can find some info on troubleshooting this? (and yes, I tried google :)). Thanks, 73,

John, KB1ENS

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Affordable web site hosting under your domain name!
C/C++, Perl, CGI, RDBMS, Web site creation and
Network Administration

Date: Sun, 5 Mar 2000 03:16:52 -0800 (PST)
From: Dave Pomeroy <dave_pomeroy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64952] sig generators
Message-ID: <20000305111652.17814.qmail@web1106.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Gang,

I have two Heathkit sig generators. Both tube types, the newest one is model IG-102, the other doesn't have a model number. I have the Heathkit book for the IG-102. Would donate them for the cost of shipping to a good home. Email me direct.

=====

Dave Pomeroy K8DNP Southwest Michigan

Do You Yahoo!?

Talk to your friends online with Yahoo! Messenger.

<http://im.yahoo.com>

Date: Sun, 5 Mar 2000 03:20:17 -0800 (PST)
From: Dave Pomeroy <dave_pomeroy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64953] sig generators
Message-ID: <20000305112017.2109.qmail@web1104.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Gang,

Pardon my spelling on the "to", I mean "two".

=====

Dave Pomeroy K8DNP Southwest Michigan

Do You Yahoo!?

Talk to your friends online with Yahoo! Messenger.

<http://im.yahoo.com>

Date: Sat, 4 Mar 2000 23:19:33 -0500
From: "=?ISO-8859-1?Q?Francisco_Hernandez_Alonso?=" <co2ha@jcce.org.cu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64954] No read, test from C02HA
Message-ID: <m12RUTX-000a0XC@tinored.jcce.org.cu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

-blank-

Date: Sun, 5 Mar 2000 06:53:00 -0500
From: "Charlie Fitts" <cfitts@neca.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64955] Re: Parts: Super Deal on 40 meter crystals
Message-ID: <200003051156.GAA05932@orion.neca.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

By using a 7.122 crystal in a VX0 followed by a frequency divider, the crystal should be useable at 3.560 also.

72 -

Charlie Fitts, N1EI

Date: Sat, 4 Mar 2000 20:22:15 EST
From: Rick McKee <kc8aon@juno.com>
To: K2UD@aol.com, qrp-1@Lehigh.EDU
Subject: [64956] Re: CQ HW-7, 8, 9 event?
Message-ID: <20000305.073532.4567.1.kc8aon@juno.com>

Just for curiositys sake, I would like to see all who are on the list that use the HW-7,8 & 9 series of QRP rigs. Would be interesting to see how many and which series are actually on the air. Please add your name to the list.

1. Howard Kraus, K2UD - HW-7
2. Rick McKee, KC8AON - HW-7 & 8
3. ?

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sun, 05 Mar 2000 13:21:01 +0000

From: "David Hurley,n2zhy" <n2zhy@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [64957] OT: DX Summit
Message-ID: <38C25F3D.2D8E3542@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

DX Summit

It's baaaack!

David Hurley,n2zhy
Princeton,NJ

Date: Sun, 5 Mar 2000 08:33:08 -0500
From: w4bws@juno.com
To: kc8aon@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [64958] Re: CQ HW-7, 8, 9 event?
Message-ID: <20000305.083448.-325563.0.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

On Sat, 4 Mar 2000 20:22:15 EST Rick McKee <kc8aon@juno.com> writes:
> Just for curiositys sake, I would like to see all who are on the list
> that use the HW-7,8 & 9 series of QRP rigs. Would be interesting to
> see
> how many and which series are actually on the air. Please add your
> name
> to the list.
>
> 1. Howard Kraus, K2UD - HW-7
> 2. Rick McKee, KC8AON - HW-7 & 8
> 3. Donald Sanders W4BWS - HW-8 2 each ,1brown/grey,1green/grey
>
> -----
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!
> Juno now offers FREE Internet Access!
> Try it today - there's no risk! For your FREE software, visit:
> <http://dl.www.juno.com/get/tagj>.

Don Sanders W4BWS

694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

Date: Sun, 05 Mar 2000 07:16:15 -0800
From: QRP <qrp@email.com>
To: qrp-1@Lehigh.EDU, cqclist@cqc.org, zeekzilch@juno.com
Subject: [64959] FOR SALE - QRP ARCI QUARTERLY 85 to 98
Message-ID: <38C27A3F.502E73FA@email.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FOR SALE
QRP Quarterly Issues:

1985 entire year photocopy bound
1986 entire year photocopy bound
1987 entire year photocopy bound
1988 entire year photocopy bound
1989 entire year photocopy bound
1990 entire year photocopy bound
1991 entire year photocopy bound
1992 entire year photocopy bound (also an extra #1 and #2 originals)
1993 all four originals
1994 all four originals
1995 all four originals
1996 all four originals
1997 all four originals
1998 January only

ALL are in EXCELLENT condition.
I will pay postage for U.S. delivery and
I will deliver in Denver Metro Area

The whole ball-of-wax sold as a single unit
for BEST OFFER ABOVE \$27.00 (Twenty Seven Dollars)

Roger J. Wendell
WB0JNR - QRP ARCI # 3787
ZeekZilch@juno.com
303-693-4244 Home
<http://www.rogerwendell.com>

-
--

Date: Sun, 5 Mar 2000 09:18:55 EST
From: Wb4jjj@aol.com
To: QRP-L@lehigh.edu
Subject: [64960] CLUB: NOVA-QRP to meet next Saturday
Message-ID: <4.18d3e12.25f3c6cf@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

NOVA-QRP, the high-powered, low-power QRP group for Northern Virginia, will hold its regularly scheduled bi-monthly luncheon get-together at Mama's Restaurant in Fairfax, Virginia on Saturday, March 11, 2000. Mama's Restaurant is just one block west of Fairfax Circle on Route 50. Plenty of (free) parking and great food (not free).

NOVA-QRP has no published start and end times for its luncheon meetings, but Mama's opens its doors at 11:00 am, and at the last meeting there were folks waiting outside to get in when the doors were unlocked.

NOVA-QRP has no officers, dues, rules, regulations, business, minutes or any of the other trappings of organized groups. Rather, we have tall tales, show and tell for QRP rigs and equipment (bring yours to show and tell), and a lot of fraternizing with other high-powered low power folks.

NOVA-QRP also has a continuing supply of free Altoids tins and other stuff for those who attend. For needy hams, this is indeed a kinda paradise.

NOVA-QRP's official list is maintained by K4AHK. To be added to that list for official notification of meetings send an email request to K4AHK@ix.netcom.com and he'll see that you are properly notified.

NOVA-QRP hopes to see you there. Be sure to bring a copy of your QSL card for the membership book. And, if you have a ham call sign badge, be sure to wear it.

72,

Al, WB4JJJ
Fairfax, VA

Date: Sun, 5 Mar 2000 10:03:48 EST
From: QABRB@aol.com
To: kc8aon@juno.com, qrp-1@lehigh.edu
Subject: [64961] Re: CQ HW-7, 8, 9 event?
Message-ID: <d8.1cea47d.25f3d154@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I bought one (an HW-7 that is) from an individual a week or so ago... should arrive at work via UPS next week . I use to use a HW-16 quite a bit, but now longer have it.

Brian WDOHBG

In a message dated 3/5/2000 7:44:59 AM Eastern Standard Time, kc8aon@juno.com writes:

> Just for curiositys sake, I would like to see all who are on the list
> that use the HW-7,8 & 9 series of QRP rigs. Would be interesting to see
> how many and which series are actually on the air. Please add your name
> to the list.
>
> 1. Howard Kraus, K2UD - HW-7
> 2. Rick McKee, KC8AON - HW-7 & 8
> 3. ?

Date: Sun, 5 Mar 2000 07:28:36 -0800 (PST)
From: Jim Durkin <jimdurkin@yahoo.com>
To: ianpurdie@integritynet.com.au, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64962] Re: Interesting question - origin of Vcc
Message-ID: <20000305152836.3051.qmail@web301.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

There is a discussion of this topic on page 8.6 of the
1999 Handbook. Title of the paragraph is Analog
Devices.
73
Jim kt4a

--- "Ian C. Purdie VK2TIP"
<ianpurdie@integritynet.com.au> wrote:
> Gurus,

```
> I have been asked (a) the origins of Vcc and (b)
> precisely the meaning
> of the second "c"
>
> My reply is as follows:
>
> Hi Jason,
>
> I thought that was a pretty basic question ("oh yeah
> I used to know
> that" - research, research etc.)
>
> It's an eminently sensible question which for the
> moment I can only
> answer as follows: (in a sort of reverse order)
>
> Vce = Voltage between collector and emitter
> Vbe = ditto base ditto
> Vcb = ditto ditto base
> Similarly we have Vbc, Veb, and Vec.
>
> Now Supply voltage (DC) applied to base, collector,
> emitter has
> historically been designated (respectively):
>
> Vbb, Vcc, Vee
>
> Notwithstanding my research in recent days through
> every text, reference
> book I have I can find no reference as to why it is
> Vcc.
>
> For the moment I can only assume the origin has
> something to do with the
> second "c" in Vcc (or "b" or "e" as the case may be)
> being created to
> indicate we are purely talking about DC potential
> and perhaps the need
> to maintain a three letter system.
>
> I'll make some enquiries among my more learned
> colleagues.
>
> Regards,
>
> Can anyone throw some more definitive light on the
> topic?
```

>
> --
> 72/73's
>
> Ian Purdie Budgewoi N.S.W. Australia - Co-ords
> 33o:14' S 151o:34' E
> My FREE Newsletter:-
> <mailto:vk2tip@qsl.net?Subject=Subscribe>
> VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC
> #171 "duh?"
> URL - <http://www.integritynet.com.au/~purdic/>
>
>
>

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Sat, 04 Mar 2000 09:28:12 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: QRP-L Distribute <qrp-l@Lehigh.EDU>
Subject: [64963] Long Lost HW-8
Message-ID: <004201bf85ee\$415eb660\$bc763ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Gang,

When I was about 16 yrs old I built a Heath Kit HW-8 over the summer. I really enjoyed that little rig but about 15 years later in a fit of insanity I sold it along with an Icom R-70 receiver at a sidewalk sell here in Fort Worth. I'm just curious as to the fate of the little rig, not really looking for it back. It's only identifying mark was my original call sign that was inscribed on the inside of the top lid, KA5DUU.

I know this is a long shot but I figured most QRPers would gravity to this list sooner or later.

Thanks.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Sun, 5 Mar 2000 08:28:26 -0700
From: "Rod, N0RC" <n0rc@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64964] ATLANTICON mySNAP
Message-ID: <009d01bf86b8\$20e75840\$b3101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks:

I finished up my SNAP last night. With parts supplied and different batteries I'm getting ~16-19mW out. What is, or how do I calculate, the theoretical max?

I went for a very compact construction and got it crammed onto about 2/3 of the board provided, using only seven pads. Now that I see it complete, I think I could get it into 1/2 or a bit less of the board provided.

FWIW: This kit got me interested in Manhattan Construction. In fact I went out yesterday & bought a "pad punch" at Harbor Freight. Now I'm looking for a good "next project", with a little more complexity. I'm thinking about Dave Fifield's TT2/MRX combo. Other suggestions? I'd really like something for 20 or 30 meters.

72/3 Rod, N0RC -- Fort Collins, CO

Date: Sun, 5 Mar 2000 07:38:39 -0800 (PST)
From: Jim Durkin <jimdurkin@yahoo.com>
To: jamesd1@flash.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64965] Re: SPICE for Mac
Message-ID: <20000305153839.21905.qmail@web304.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

James,

Thanks for the reply. Looking for a SPICE program to work in the QRP-Tech course. I suspect this will not have to be the best there is to be useful???

Any suggestions for this course would be appreciated.

73

Jim kt4a

--- "James R. Duffey" <jamesd1@flash.net> wrote:

> Yes there are several versions of SPICE for the Mac.

> IF you are looking

> for freeware/shareware/demo software go to:

>

>

http://www.repairfaq.org/ELE/F_Free_Spice3.html#FREESPICE_005

>

> What is availble is somewhat dependent on what type

> of machine you have.

> Some will run on 68k machines and some will run on

> the PowerPCs.

>

> I think the best SPICE avaialble for the Mac at this

> stage is Beige Bag

> Spice 2.1 A fully capable demonstration copy good

> for 30 days is

> available from:

>

> <http://www.beigebag.com/>

>

> This is rather expensive though, \$89 with a student

> ID, \$249 without.

>

> There is also Designworks:

>

> <http://www.capilano.com/>

>

> But it is really expensive at \$495.

>

>

>

> Perhaps the best, and most expensive is

> James R. Duffey KK6MC/5

> 30 Casa Loma Road

> Cedar Crest, NM 87008

>

Do You Yahoo!?

Talk to your friends online with Yahoo! Messenger.

<http://im.yahoo.com>

Date: Sun, 05 Mar 2000 08:49:13 -0800
From: QRP <qrp@email.com>
To: qrp-1@Lehigh.EDU, cqclist@cqc.org, zeekzilch@juno.com
Subject: [64966] FOR SALE QRP ARCI *CLARIFICATION*
Message-ID: <38C29009.D62D4A77@email.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I've been receiving some good Emails concerning my sale of all those QRP ARCI Quarterlys from 1985 to 1998. However, there is need for some CLARIFICATION:

1. The photocopy bound sets were professionally done and authorized by QRP ARCI - I am confident there is NO copyright violation. I believe I paid over \$100 for those sets although I don't recall for sure.
2. There seems to be a fair amount of local and national interest. Therefore, I'll "award" the highest bid on Tuesday evening, giving everyone a fair chance to consider the offer.

Again, the whole ball-of-wax (as the County Hunters like to say) is for the best bid over \$27.00 (Twenty Seven). I'll deliver in Denver or pay shipping to U.S. locations.

Thanks for you patience!

Roger J. Wendell
WB0JNR
ZeekZilch@juno.com
<http://www.rogerwendell.com>

-
--

Date: Sun, 5 Mar 2000 15:59:05 -0400 (AST)

From: Pablo Luis Robles <wp4jxd@isla.net>
To: w4bws@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64967] Re: CQ HW-7, 8, 9 event?
Message-ID: <Pine.LNX.4.10.10003051553460.1239-100000@pentagon>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 5 Mar 2000 w4bws@juno.com wrote:

> > 1. Howard Kraus, K2UD - HW-7
> > 2. Rick McKee, KC8AON - HW-7 & 8
> > 3. Donald Sanders W4BWS - HW-8 2 each ,1brown/grey,1green/grey
> > 4. Pablo L. Robles WP4JXD - HW-8

This was my main rig until I build a QRP classic from OHR. Now I only use it on 15 during contests. I have placed twice in the Top-Ten of the ARRL-DX contest with my HW-8 and my G5RV. I love this, rig it was my first HF radio, it was a gift from a friend when I got my novice ticket in 1991. It was with this rig that I fall in love with CW.

Best Regards,

Pablo L. Robles
BOX 3063
Yauco, PR 00698

WP4JXD RADIO PAGE <http://www.geocities.com/wp4jxd/>

"Every man has the key to open the doors of heaven...
that same key opens the gates of hell!" Richard P. Feynman

Date: Sun, 5 Mar 2000 08:45:41 -0800 (PST)
From: Jim Durkin <jimdurkin@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [64968] SPICE for Mac location
Message-ID: <20000305164541.26688.qmail@web304.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

MacSpice3f4v2.5.5 is available at:
<http://home.earthlink.net/~wilsona/macspice.html>

This was pointed out to me by Tom WB7WSF.
Thanks,
Jim kt4a

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Sun, 5 Mar 2000 10:46:09 -0600
From: cd25d@rhapsodysails.com (Bill Slater)
To: <qrp-1@Lehigh.EDU>
Subject: [64969] Dipole Suggestions
Message-ID: <005201bf86c2\$4f3df0a0\$3c76130c@willies>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello to all

I am new to amateur radio and am going to build a dipole antenna. I cant have too many/much wire strung about the place and really like the idea of a multiband antenna that is suggested in the "Now Your Talking" ARRL book. Will it suffice? Does anyone have a better suggestion?

Thanks for the input and hope to see you on the air soon.

73s

Bill
KD5GCX/KT

S/V Rhapsody
<http://www.rhapsodysails.com/sailing.html>

Date: Sun, 5 Mar 2000 10:04:18 -0700
From: "Rod, N0RC" <n0rc@qsl.net>
To: <cd25d@rhapsodysails.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64970] Re: Dipole Suggestions
Message-ID: <001301bf86c4\$dc791ce0\$a5101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Bill:

----- Original Message -----

From: Bill Slater <cd25d@rhapsodysails.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, March 05, 2000 9:46 AM
Subject: Dipole Suggestions

> Hello to all
>
> I am new to amateur radio and am going to build a dipole antenna. I
cant
> have too many/much wire strung about the place and really like the
idea of a
> multiband antenna that is suggested in the "Now Your Talking" ARRL
book.
> Will it suffice? Does anyone have a better suggestion?

I, and many others use this arrangement. It works well. I made mine
from a scrap of 16 gauge AC zip cord, (The kind used for outdoor
low-voltage lighting) and fed it with Radio Shack low loss foam filled
Twinlead.

At my old QTH I had it under the eaves of my home, here at the new QTH
it's in the attic. How well does it work? Last night on 20m I worked
RU9CI at 5W and earned a 539!

Go for it! Good luck.

72/3 Rod, NØRC -- Fort Collins, CO

Date: Sun, 05 Mar 2000 13:05:06 -0500
From: tom palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [64971] F00AAA on 21.025 listening UP
Message-ID: <38C2A1D2.209EE677@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FO0AAA is transmitting on 21.025 - Listening UP.
BIG signal. He's working the entire world.
Worked him with 5 watts @ 1800 UTC.

Big target! Go get him,

Tom, N1TP.
Naples, FL.

Date: Sun, 5 Mar 2000 13:11:55 -0500
From: "Al Gritzmacher AE2T" <ae2t@arrl.net>
To: qrp-l@lehigh.edu
Subject: [64972] CLUBS: WNY QRP E-mail list
Message-ID: <200003051810.NAA13909@alpha.buf.adelphia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Just received this....

Subject: Western New York QRP Email
Reflector Now Operating!
Date sent: Sun, 5 Mar 2000 12:39:51 -0800

Thanks to the efforts of Karl N2NJH, a new email reflector for
Western
New
York QRP users is now in place on the hamgate server!

The purpose of this reflector is simple, to exchange information
on the
QRP
mode of the amateur radio hobby here in Western New York.
This can
include
technical questions (and answers!), kit building experiences,
requests
for
on-air skeds, operating events and anything else that you feel is
relevant
to QRP operation.

In addition, information about our newly formed Tuesday night

QRP Net
will
be distributed via this list when it becomes available.

To be added to the WNY QRP Reflector, just send me a reply
email asking
to
be added to the list, and I will sign you up. Once subscribed you
will
receive a introductory message stating the purpose of the list,
instructions
and additional commands.

Bruce J. Howes KG2IC email: kg2ic@arrl.net
East Amherst, NY 14051 web: www.buffnet.net/~bhowes
"Imagination is more important than knowledge." -Albert Einstein

Al Gritzmacher, AE2T
ae2t@arrl.net

Every year is the beginning or end of SOME millennium.
The year 2000 has about as much significance as watching
your odometer roll over!

Date: Sun, 5 Mar 2000 13:20:54 -0500
From: "Thaire Bryant" <tbry37@ici.net>
To: <qrp-l@lehigh.edu>
Subject: [64973] Fw: CQ HW-7, 8, 9 event?
Message-ID: <200003051826.NAA13490@bajor.ici.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Pablo Luis Robles <wp4jxd@isla.net>
> To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
> Subject: Re: CQ HW-7, 8, 9 event?
> Date: Sunday, March 05, 2000 2:59 PM
>
> On Sun, 5 Mar 2000 w4bws@juno.com wrote:

>
> > > 1. Howard Kraus, K2UD - HW-7
> > > 2. Rick McKee, KC8AON - HW-7 & 8
> > > 3. Donald Sanders W4BWS - HW-8 2 each ,1brown/grey,1green/grey
> > > 4. Pablo L. Robles WP4JXD - HW-8
> 5. Thaire Bryant W2APF - HW7, HW8
> This was my main rig until I build a QRP classic from OHR. Now I only use
> it on 15 during contests. I have placed twice in the Top-Ten of the
> ARRL-DX contest with my HW-8 and my G5RV. I love this, rig it was my
first
> HF radio, it was a gift from a friend when I got my novice ticket in
1991.
> It was with this rig that I fall in love with CW.
>
> Best Regards,
>
> Pablo L. Robles
> BOX 3063
> Yauco, PR 00698
>
> WP4JXD RADIO PAGE <http://www.geocities.com/wp4jxd/>
>

> "Every man has the key to open the doors of heaven...
> that same key opens the gates of hell!" Richard P. Feynman
>

>

Date: Sun, 05 Mar 2000 13:37:27 -0500
From: Bob Kellogg <ae4ic@nr.infi.net>
To: brmurphy@netside.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64974] Re: Z Match Tuner Circuit Diagram
Message-ID: <38C2A967.EFD70924@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Brian,

Brian Murphy wrote:

> 1) What is a 'Z-Match' tuner and how is it better
> than conventional tuner circuits, especially for

> balanced line feeders?
>
> 2) If the balun is on the transmitter side of the tuner, then what kind of
> balanced tuning network would yield minimal loss in the tuner?
>
> Any Info or references would be appreciated.
> Brian, N4YTL

The Z-Match tuner is link coupled to the antenna lead-in, so it is inherently balanced. It is made unbalanced by grounding one side of the link. Therefore, no balun is needed and it works with either coax or ladder line. This eliminates one source of possible loss.

There is a good discussion of Z-Match tuners in the "W6SAI Antenna Handbook". Additional articles appear in Antenna Compendiums 3 & 5, both by Charlie Lofgren, W6JJZ, who has done a lot of research on the tuners. The RSGB book, "Practical Wire Antennas" by John Hays, G3BDQ, also has a discussion and circuit for a Z-Match design.

Hope this helps.

CUL,
Bob, AE4IC

Date: Sun, 5 Mar 2000 11:13:48 -0800 (PST)
From: Richard Fisher <ki6sn@yahoo.com>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Cc: Richard Fisher <KI6SN@yahoo.com>
Subject: [64975] Announcing the March Spartan Sprint
Message-ID: <20000305191348.19707.qmail@web218.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The March Spartan Sprint will be held on March 6, 2000 (which is our standard date--the first Monday of the month). You may operate on any one or more of five bands--80, 40, 20, 15, and 10 meters. Don't worry if your station is a bit obese. We commend the winners in two categories--points (the Tubby Division), and points per pound (the Skinny Division). If you are a newcomer to the Sprints, take a look at the introductory material at the end of this post.

1. Start at 9:00 PM EST, 8:00 CST, 7:00 MST and 6:00 PST. Finish at 11:00 PM

EST, 10:00 CST, 9:00 MST and 8:00 PST. In terms of UTC, start at 0200 and finish at 0400.

2. The frequencies will be 3560+- kHz, 7040 kHz+-, 14060 kHz+-, 21060kHz+-, and 28060 kHz+- . (You may operate any number of bands--your choice.)
3. Exchange RST, SPC (state, province or country) and power output.
4. If you choose to call CQ, use the format "CQ SP," or "CQ QRP TEST."
5. You can take credit for working the same station on a second, third, or fourth band.

After the contest, we invite you to use our autolog, which is part of the

ARS Sojourner. Just go to www.natworld.com/ars and follow the link for "Direct access to autologs". Or you can speed things up by going directly to

the Spartan Sprint autolog page at www.natworld.com/ars/ss_log.html.

If you don't have access to the web, send Richard Fisher, KI6SN, an e-mail

with your total QSOs and the total weight of your station (i.e., the combined weight of all transmitters, receivers, keys, keyers and batteries

used during the Sprint). You may also include your comments from the soapbox. Richard's email address is KI6SN@aol.com.

We publish results for each Spartan Sprint on the Thursday following the

Sprint. This may be the world's quickest contest reporting! Please send us your log as soon as possible, but in no event later than Wednesday afternoon.

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a

portable environment--lightweight transceiver, keyer, key, and battery.

Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your

participation will be rewarding, both for you and the other participants.

We'll report the score in two different formats--absolute scores, and points

per pound of station weight. So you can get your kicks from running up a

magnificent score, or achieving a remarkable ratio of points per pound.

If you're thinking about becoming a member of Adventure Radio Society, just

send Richard Fisher, KI6SN, (our membership chairman) an e-mail

expressing your
interest. Richard's e-mail address is KI6SN@aol.com. Membership is
free, and
the organization has a great group of men and women who combine their
love
of ham radio with their affection for the outdoors. You don't need to
be a
macho person; ARS welcomes people of all ages and levels of ability.

Russ Carpenter, AA7QU,
Contest Manager
russ@natworld.com

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Sun, 5 Mar 2000 11:20:30 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [64976] QRP more popular than ever?
Message-ID: <20000305192030.10132.qmail@web703.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Lately it "seems" like I'm hearing more DX stations
running QRP. Maybe its just me.

Sunday AM there was LY2FE/QRP, Vitas, CQ'ing on
28.060.

I called him at 13:41Z, with 100mW and got a nice
report of 449, and learned he was 5w to a yagi.
So since there were no other callers at the moment I
asked him to "AS" and I dropped to 40mW, he came back
and gave me a 339.

The he dropped to 500mW, and again to 100mW. He was
339 at 100mW here in Arkansas.

So, I came back with 25mW and got a 339. Down to 10mW
and he said "10mW you are 119" !

Not too shabby there Vitas! Its not everyday you get
to do the "QRP Limbo" with a DX station.

Vitas mentioned he wanted a K2 and asked me what I

thought of mine. I assured him that all the parts were regular size, no SMT, and it was the easiest kit Ive ever built. He seemed happy to hear that. Thats allot of Eu \$ for a kit from the USA 5000 miles away.

So, miles per watt was no record, 507,000 MPW. But nothing to hang my head about! hi

Found his email address and might make a new E-friend.

Next at 15:00Z is ON5NO/QRP CQ'ing on 28.062mHz. He seemed weaker so I called at 220mW and made a nice QSO with Ghis.

Is it just me, or are there more DX QRP stns these days?

72/71's de Jim KJ5TF
"All milliwatts, All the time"

=====

<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Sun, 05 Mar 2000 14:51:41 -0500
From: "Brian Murphy" <brmurphy@netside.com>
To: Bob Kellogg <ae4ic@nr.infi.net>
Cc: qrp-1@lehigh.edu
Subject: [64977] Re: Z Match Tuner Circuit Diagram
Message-ID: <200003051938.0AA18501@mx.logicsouth.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Bob,
Great! Thanks for the info and references.

I am a believer in open wire feed line to keep losses low, but always felt

that using a conventional tuner with the balun option on the antenna side was working against my goal of minimizing losses.

I have built and used the "Balanced Tuner" featured in QST a few years back prior to 1995 (written by Frank Witt?? if my memory serves me correctly) and it performed well, but required a balun on the transmitter side. I still have the roller inductors.

Is the Z-match pretty much the same as the Johnson Matchbox or the link coupled tuner featured in previous ARRL handbooks and Orr's Radio Handbook?

Brian, N4YTL

>From: Bob Kellogg <ae4ic@nr.infi.net>
>To: brmurphy@netside.com
>Subject: Re: Z Match Tuner Circuit Diagram
>Date: Sun, Mar 5, 2000, 1:37 PM
>

> Hi Brian,
>
> Brian Murphy wrote:
>> 1) What is a 'Z-Match' tuner and how is it better
>> . . .
>> Any Info or references would be appreciated.
>> Brian, N4YTL
>
> The Z-Match tuner is link coupled . . .

Date: Sun, 5 Mar 2000 19:53:19 +0000
From: wb2vuo@juno.com
To: cd25d@rhapsodysails.com, qrp-l@lehigh.edu
Subject: [64978] Re: Dipole Suggestions
Message-ID: <20000305.195320.-124183.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Bill and the List, Keith here in the Depths of the Great Bergen Swamps of WNY...

My Novice antenna system was a pair of dipoles, 80 & 40 Meters. I hung them from a couple of common supports and fed them together with coax. They worked fine. I spaced the wires by cutting up some plastic rods from a set of blinds and hung the 40M dipole about 3 feet below the 80M

dipole. That was 1966.

Since then I have found that using a pair of inverted vees, one for 80M and one for 40M actually works better. The inverted vees act as guys for the mast and are perpendicular to each other. In my present installation the 80M legs run E-W and the 40M legs run N-S. There is practically no interaction between the antennas, they don't "look" like antennas to the uninitiated and they are usable on the upper bands in their harmonic modes.

If the 80M inverted vee is cut to resonate at 3.82 MHz it is 7/2-waves on 10M, resonating at 27.98 Mhz (just below the band) and the SWR is around 1.8:1 without a tuner of any sort. Cutting the 80M inverted vee higher will move the 10M resonance point up the band. Use the formula $L = 3420/F$ for the length of the 7/2-wave antenna.

On 40M, by cutting the length for resonance just below the band your SWR will still be fine on the CW band, and will be acceptable as a 3/2-wave antenna for 15M. The required length for 6.9 MHz is 67,8 feet and resonates on the 3rd harmonic at 21.40 MHz. No tuner will be required for either band. In addition, the 40M antenna will work on the 7th harmonic for 6M, resonating at about 50.44 MHz. Again, no tuner is required.

With a decent wide-range tuner you can get the antenna to load on 30M, 17M & 12M and maybe 20M but 20M is iffy...

I have run this antenna system in 6 locations, and put up the same system for at least a dozen other hams over the last 3 decades. It's also made a great Field Day antenna system!

In Ed Noll (W3FQJ)'s book, "73 Dipole and Long Wire Antennas", he has a third inverted vee off the same feedpoint, this being a 3/2-wave 20M antenna. The antenna legs are spaced 60 degrees apart, and he used it on 80M - 6 M. He called it a "20-40-80 Maypole" in his book. This will give you 80/40/20/15/10/6M with no tuner and 30/17/12M with the tuner.

See you on the band(s)!

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
VP & FD'00 Chairman, Brockport Amateur Radio Klub & SOC # 119
My night light runs more power than my Rig!!!
Replies off-list to: wb2vuo@arrl.net

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 5 Mar 2000 13:58:36 -0600
From: "Michael Young" <mikey@mcs.com>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [64979] F00AAA 24895
Message-ID: <005401bf86dd\$318cd1f0\$7004a2c6@fensoft.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

24895.00, up 5.38 kHz at 19:18z. Still there at 19:56z.

Michael.
K9ZC

Date: Sun, 5 Mar 2000 13:13:03 -0700
From: "Brian P. Mileschosky" <n5zgt@swcp.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [64980] Dayton HamVention Help Please!
Message-ID: <001f01bf86df\$3737dc60\$680586cc@hlw11>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

I am planning on going to Dayton this year, but am curious to know what kind of ground transportation is available from either Cleveland or Cincinnati. I noticed it is MUCH cheaper to fly into those airports rather than Dayton itself.

Has anybody done this before, and how did they get from either of those airports to Dayton and vice-versa (Bus, shuttle, etc.)?

Any information ASAP would be appreciated, including contact information so I can arrange transportation!

72,
Brian, N5ZGT

Date: Sun, 05 Mar 2000 03:41:36 -0600
From: Everett Catlin <n5mzx@bellsouth.net>
To: qrp-l@Lehigh.EDU
Subject: [64981] Ten Tec Argosy 525
Message-ID: <38C22BD0.1381A743@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all

I have an outside chance to get a Ten Tec Argosy 525. This is one that I owned many years ago and it is in excellent shape. I have no idea what they are selling for now. If anyone has sold or bought one please advise me of prices paid. This would be a lot of help to me .

73
Ev
N5MZX
QRP ARCI #5770

Date: Sun, 05 Mar 2000 14:14:05 PST
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [64982] WTB: 2SC1947, MRF-237, ECG-341
Message-ID: <20000305221405.82655.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Anyone have any extra or a source for these output transistors ? They have been recommended as a possible higher power replacement for the 2N3553 in the SST. Any details on using these to hot rod an SST, Sierra or NC-40 would also be appreciated.

Thanks,

Alan, N3BJ

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 5 Mar 2000 15:34:18 -0700
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: cqclist@cqc.org, qrp-1@lehigh.edu
Subject: [64983] CQC Meeting and Key Day
Message-ID: <200003052232.PAA01804@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

CQC's meeting yesterday was our annual Key Day and members brought along a wide variety of keys, bugs, and paddles.

A highlight of the meeting was the presentation of Gold Star certificates to members KA0CW and K0FEI.

Pix are on the club's web site at <http://www.cqc.org/gallery>

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Sun, 5 Mar 2000 17:40:04 EST
From: Rick McKee <kc8aon@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [64984] Heathkit HW-7,8, & 9 Users !
Message-ID: <20000305.180525.4391.1.kc8aon@juno.com>

Good to see that there are a few still on the air ! Here are the ones listed in the order that I recieved them. Also, Carel, PA0CMU in Holland, along with 4 or 5 other hams have reproduced the HW-8 circuit and homebrewed their rigs ! And would someone please tell Steve, AA5TB where his long lost, sold at a sidewalk sale HW-8 is ! It has his old call inscribed on the inside of the top cover - KA5DUU, shame shame Steve - only kidding.

- 1 Howard, K2UD - HW-7, 8, & 9
- 2 Rick, KC8AON - HW-7 & 8
- 3 Joe, KK5NA - HW-7, 8, & 9
- 4 Nick, K3NY - HW-8

5 Donald, W4BWS - HW-8
6 Martin, N1PGP - HW-8
7 Scott, W4PJ - HW-8
8 Tom, WB5QYT - HW-8
9 Brian, WD0HGB - HW-7
10 Jim, N5IB - HW-7
11 Jerry, W8GND - HW-8
12 Pablo, WP4JXD - HW-8
13 Walt, N9MZP - HW-9
14 Thomas, AC7A - HW-8
15 Thaire, W2APF - HW-7 & 8
16 Don, KK7VM - HW-8
17 Robert, KC2JZ - HW-8

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Date: Sun, 05 Mar 2000 16:17:47 -0700
From: Roger Hightower <n7kt@worldnet.att.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [64985] F00AAA on17M
Message-ID: <38C2EB1B.A188E6B7@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Worked him on 18.075 at 2311Z 3/5. Great sig.

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

Date: Sun, 05 Mar 2000 18:47:26 EST
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [64986] FOX: Preliminary announcement for N5IB: Mar 8, 0200Z
Message-ID: <20000305.173959.9831.0.N5IB@juno.com>

SIT! STAY!

Now that I have you hounds' attention, N5IB will emerge from his den on

March 8 at 0200 Zulu. That's the evening of Fat Tuesday (Mardis Gras) here in Louisiana and its western hemisphere environs.

This will be an old fashioned hunt. I'll use my DSW-40 (1.8 W), a J-38 straight key, a horizontal loop, and will keep a paper log. Since my "keyer" uses a multiple-buffer, speed tracking, adaptive memory, I can accomodate hounds who need a taste of QRS with their Kibbles 'n Bits. I won't be very fast, in any event.

7042 or so, as the digital and ssb QRM allows. Liberal RIT up and down. I plan to use at LEAST a half-turn (15 clicks) of the DSW-40's dial (at 50 Hz per click) in either direction.

My "tu" will be the signal for the hounds to bay. I'll drop a "fox de N5IB" every few Q's to stay legal. I'll send the hound's call first and last, e.g.:

WD5CMA 55N LA Jim 1N13 WD5CMA BK (note the cut "9's" to save my fist)

please send your stuff only once, I'll ask for fills if needed. If conditions deteriorate too badly I'll send "QSZ QSZ" - which will be the signal for all subsequent hounds to send the exchange info twice.

I'm trying to think of a way for hounds who are also using a straight key to identify themselves without unduly delaying things. Maybe when sending your QRP-L number instead of "nr 1234" you could send "st 1234" I'll clarify this on the final announcement.

72,
Jim N5IB

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End of QRP-L Digest 1751

